Amendments to the Specification

Please amend the paragraph starting on page 3, line 17 of the specification as follows:

This dielectric layer preferably comprises at least one material selected from the group consisting of silicon oxide, alumina, polyimide and polymethylmethacrylate. ~~polymethylmetacrylate~~

Please amend the paragraph starting on page 4, line 6 of the specification as follows:

In certain embodiments according to the present invention, the channel comprises an amorphous semiconductor material.

Please amend the paragraph starting on page 4, line 8 of the specification as follows:

In other embodiments the channel comprises a poly-crystalline semiconductor material.

Please amend the paragraph starting on page 4, line 10 of the specification as follows:

In advantageous embodiments, the channel comprising poly-crystalline semiconductor material has a crystal grain size; and the hole electrode and the electron electrode are spaced apart at a distance smaller than ~~then~~ the grain size.

Please amend the paragraph starting on page 5, line 2 of the specification as follows:

The channel can comprise more than ~~then~~ one sublayers.

Please amend the paragraph starting on page 5, line 20 of the specification as follows:

The channel can also be formed by a combination of sublimation and solution processing.

Please amend the paragraph starting on page 11, line 17 of the specification as follows:

An aim of this embodiment of the invention is to provide an electroluminescence generating device comprising a channel having at least one layer of an organic semiconductor, at least two electrodes for injecting two different types of charge carriers, and at least one controlling electrode, and a method to facilitate the injection of at least one type of charge carriers into the channel. The channel of the device of the present invention consists of at least one layer of organic semiconductor. An organic semiconductor can consist of small molecules (whereby it is meant molecules that can be processed by sublimation), preferably tetracene, pentacene, perylenes, oligothiophenes ~~oligothiophens~~ (terthiophenes, tetrathiophene, quinquethiophene or sexithiophene), bora-diazaindacene fluorophores; it can be a polymer, such as polyphenylenevinylene, polyfluorene or polythiophene; it can be a metal complex such as Pt-octaethylporphyrin. The list of materials is not intended to be limitative, but only to provide examples. The organic semiconductor used in the channel can consist of small molecules and polymers, which have been chemically, electrochemically or physically processed to show n- type (or alternatively p-type) behavior in combination or in place of the p- type (or alternatively n-type) transport characteristics.

Please amend the paragraph starting on page 13, line 25 of the specification as follows:

Examples of materials for injecting electrodes are gold, calcium, aluminum ~~aluminium~~, magnesium. Examples of dielectrics are silicon dioxide (also in its porous form), alumina, polyimide, and

polymethylmethacrylate ~~polymethylmetacrylate~~. The list of materials is not intended to be limitative, but only to provide examples.